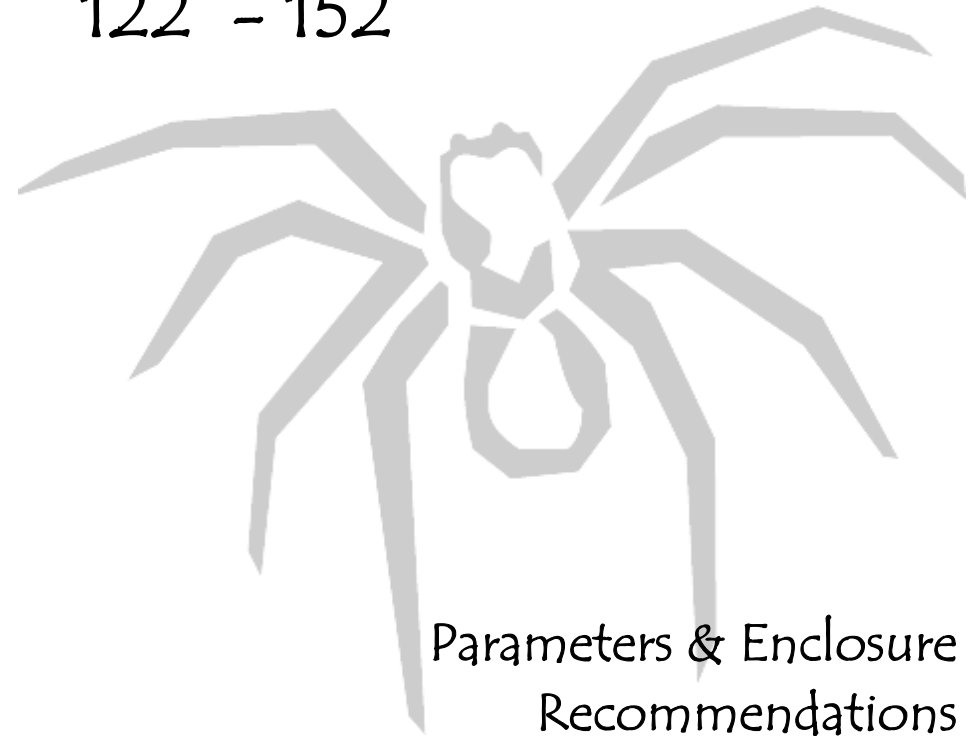


**SOUNDSTREAM**  
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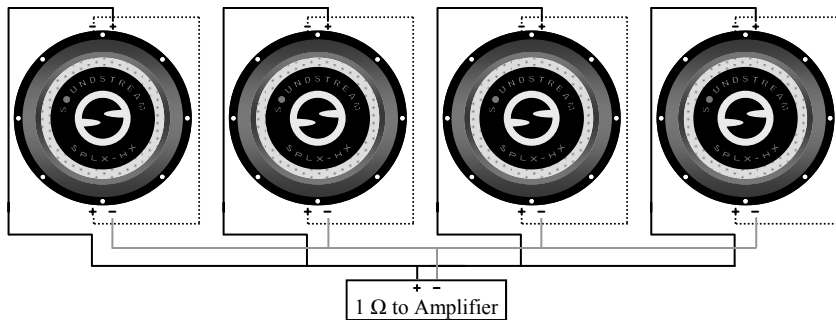
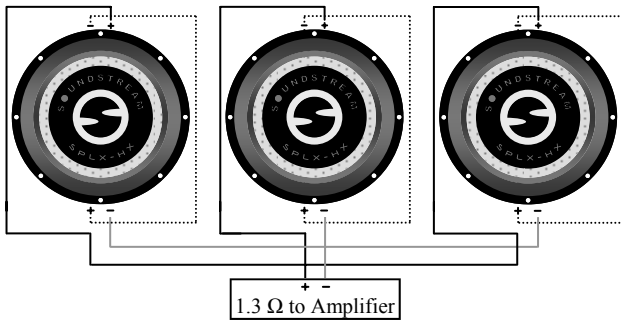
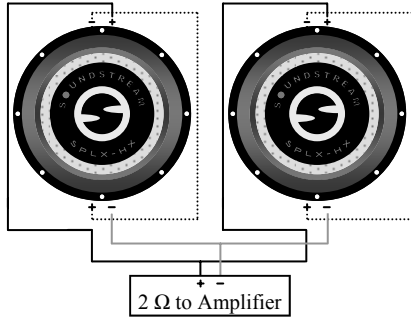
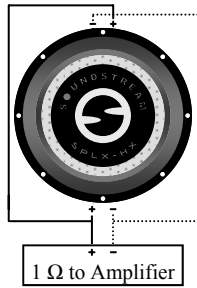
SPLX

"High EXcursion"

SPLX-HX  
122 - 152



Parameters & Enclosure  
Recommendations



Congratulations on your new Soundstream sub-woofer purchase. We greatly appreciate your business. This may look like a run-of-the-mill cardboard box, but it's actually a protective barrier over one of the finest engineered and assembled sub-woofers available.

*Harmonic Indulgence... Listen and Feel*

## Features, Parameters, & Dimensions

Aluminum Voice Coil Former  
Epoxy Coated Pulp Paper Cone  
UV Coated Foam Surround  
Dual NOMEX Spiders  
ABS Injection Dust Cap  
Vented T-Yoke

Suspension Integrated Tinsel Leads  
Cast Aluminum Basket  
Copper Clad Aluminum Voice Coil  
8 ga. Compression Wire Terminal  
94 oz. Ferrite Magnet  
Embossed Back Plate

series wired	SPLX-122HX	SPLX-152HX
Fs (Hz)	31.77	25.25
Qms	4.14	3.13
Vas (ft <sup>3</sup> )	1.302	5.029
Cms (mm/N)	.0996	.129
Mms (g)	252.8	309.1
Rms (kg/s)	12.15	15.6
Xmax (mm)	18.6	18.6
Xmech (mm)	27.9	27.9
Piston Diameter (in)	10.04	13.19
Sd (in <sup>2</sup> )	79.16	136.6
Qes	.45	.43
Re (Ω)	3.8	3.8
Z (Ω)	4	4
BL (Tm)	20.55	20.89
Rms Power (watts)	1000	1250
Qts	.41	.378
NO (%)	.253	.514
1w/1m SPL (dB)	86.18	89.5
2.8V SPL (dB)	89.4	92.49
Voice Coil Diameter (in)	3	3
Impedance (Ω)	DVC 2Ω	DVC 2Ω
M-vd (ft. <sup>3</sup> )	.188	.298
Overall Diameter (in)	12.625	15.25
Overall Height (in)	8.125	9.25
Mounting Depth (in)	7	8.375
Cutout Diameter (in)	11	14.125
Motor Diameter (in)	7.75	7.875
Motor Height (in)	3.5	3.5
Flange Width (in)	.875	.75
Flange Height (in)	.75	.625
Weight (lbs)	34	35

## Enclosure Dimensions

Soundstream does not provide enclosure dimensions as there are infinite variables when designing a box, i.e. vehicle, amplifier, music preferences, etc... For designs tailored to your specific needs, please contact us at tech-support@soundstream.com, or 1-800-724-1377.

## Enclosure Construction

All enclosures should be made of .75" (3/4") material only. When possible, make the baffle 1.5" (1 1/2) thick and add .75" (3/4") to the depth of the enclosure to compensate. All volumes **INCLUDE** vent/port and subwoofer displacements. **DO NOT** change the volume unless you plan on adding a substantial amount of bracing. For added performance, applying a coat of fiberglass resin to the interior walls will greatly improve sealing the enclosure. Adding a thin layer of poly-fill will improve response by smoothing out reflections within the enclosure.

## Enclosure Recommendations

SPLX-122HX High Tuning					SPLX-122HX Low Tuning			
Vol. (ft. <sup>3</sup> )	Vent (dia. X L)	Freq. (Hz)	-3dB (Hz)	Gain (dB)	Vol. (ft. <sup>3</sup> )	Vent (dia. X L)	Freq. (Hz)	-3dB (Hz)
2.00	(2) 4" x 9.25"	55.2	43.5	7.7	2.5	(3) 3" x 13.75"	40.1	33.4
3.00	(3) 4" x 8.25"	55.2	42.9	8.8	3.5	(3) 3" x 11.75"	35.1	29.5
4.00	(4) 4" x 7.5"	55.4	42.7	9.4	4.5	(3) 3" x 12.25"	30.1	26

SPLX-152HX High Tuning					SPLX-152HX Low Tuning			
Vol. (ft. <sup>3</sup> )	Vent (dia. X L)	Freq. (Hz)	-3dB (Hz)	Gain (dB)	Vol. (ft. <sup>3</sup> )	Vent (dia. X L)	Freq. (Hz)	-3dB (Hz)
3.00	(2) 4" x 4.5"	54.9	44.3	7	3.00	(2) 4" x 13.75"	40	36.3
4.00	(4) 4" x 8.5"	55	43.5	7.7	4.00	(2) 4" x 12.25"	35.1	31.7
5.00	(6) 4" x 11.25"	55	43	8.1	5.00	(2) 4" x 13.5"	29.9	27.8